



ARDMORE REFINERY • Valero Refining Company - Oklahoma • P.O. Box 188 • Ardmore, Oklahoma 73402-0188 • Telephone (580) 223-0534

**Greg E. Elliott**  
*Environmental Manager*

January 7, 2014

Office of Enforcement and Compliance Assurance  
Office of Federal Activities  
International Compliance Assurance Division (2254)  
Environmental Protection Agency  
1200 Pennsylvania Avenue NW  
Washington, DC 20460

To Whom It May Concern:

Pursuant to 40 CFR 262.56 Valero hereby submits this annual export notification report for hazardous wastes shipped from Valero Ardmore Refinery to facilities out of the United States in the calendar year 2013. The attached report includes the following information:

- Generator of Exported Waste
- Name and Site Address of Each Consignee
- Department of Transportation (DOT) Shipping Name
- Summary of Exported Shipments
- Waste Minimization Efforts
- Certification of Exporter

If you have any questions or require further information, please contact Billy McFatridge at 580-221-3130.

Sincerely,

Greg Elliott  
Environmental Manager

GEE:bkm:rks

Attachments

CERTIFIED MAIL 91 7199 9991 7031 7194 6268

received  
SDH 1/15/2014

### **Generator of Exported Waste:**

Valero Refining Company-Oklahoma dba Valero Ardmore Refinery  
One Valero Way  
Ardmore, OK 73401  
EPA ID # OKD057705792

### **Name and Site Address of Each Consignee:**

Hong Jing Resource Co., Ltd.  
#13-2, Wonbuk-Ri  
Gunbuk-Myon,  
Haman-Gun, Kyeong-Nam  
South Korea 637823

### **Department of Transportation (DOT) Shipping Name:**

UN3190, Waste Self-Heating Solid, Inorganic, n.o.s., (K171, Molybdenum, Nickel, Arsenic), 4.2, PG III, RQ.

### **Summary of Exported Shipments:**

A total of 1,623,889 pounds of spent hydrotreating catalyst (K171) was shipped from the Valero Ardmore Refinery in April and May of 2013 to the Hong Jing Resource facility in South Korea for metals reclamation. The transporters of this material from the Valero Ardmore Refinery were Action Resources (EPA ID #: ALR00007237) and Jetco Delivery (EPA ID #: TXR000077976). Action Resources shipped out a total of 1,525,141 pounds of this material with 47 loads. Jetco Delivery shipped a total of 98,748 pounds of this material with 3 loads.

### **Waste Minimization Efforts:**

Catalysts used in the refinery processes are selected to maximize the efficiency of the catalyst and to minimize the amount of waste catalyst that is generated. Catalysts that have a longer service life are used when practicable. Where feasible, regenerated catalysts are used, which minimized the amount that must be disposed of in a landfill. Valero routinely monitors developing catalyst technologies for opportunities to reduce the amount(s) of catalyst required or to increase the service life of the material. Where economically practical, spent catalyst is shipped to a metals reclamation facility where valuable metals are recovered.

Major refinery maintenance turnarounds occur about every four to five years and provide an opportunity to remove certain wastes such as spent catalysts and sludge from processing units. Some catalysts are also generated during mid-cycle minor turnarounds that occur more frequently. Due to the episodic nature of catalyst generation, there is a high degree of variability from year to year, making it difficult to compare annual waste volumes or identify meaningful trends.

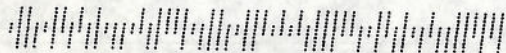
**Certification of Exporter:**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

  
Greg Elliott  
Environmental Manager



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**VALERO**  
ARDMORE REFINERY

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OFFICE OF FEDERAL ACTIVITIES

INTERNATIONAL COMPLIANCE ASSURANCE DIV (2254)

ENVIRONMENTAL PROTECTION AGENCY

1200 PENNSYLVANIA AVENUE NW

WASHINGTON DC 20460

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